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The Conference of New England Governors and Eastern  
Canadian Premiers (NEG/ECP)

**Climate Change Action Plan 2001:**  
*Opportunities for Renewable Energy*

**New England Wind Workshop**  
**October 25, 2001**

John Shea  
New England Governors' Conference, Inc.  
Boston, Massachusetts



## Conference of New England Governors and Eastern Canadian Premiers

### CLIMATE CHANGE ACTION PLAN 2001

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*About the Conference of New England Governors and Eastern Canadian Premiers (NEG/ECP) ...*

**NEG/ECP**

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Non-partisan

In existence over 30 years

Work on regional & transboundary issues:  
energy, environment, trade, economic development, etc.

2001 Co-Chairs:

Governor John Rowland, Connecticut

Premier Bernard Landry, Quebec



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*Genesis of the NEG/ECP Climate Change Action Plan 2001 ...*

- \* **Governors and Premiers identify climate change as key regional issue**
- \* **Prior success with mercury and acid rain initiatives**
- \* **NEG/ECP tasks regional policy makers with developing Plan**
- \* **Scientific and policy forum conducted in NB in March 2001: 250+ people**
- \* **Spring 2001: state & provincial policy makers draft Plan for submission to NEG/ECP**
- \* **Climate Change Action Plan adopted by NEG/ECP in August, 2001**
- \* **Believed to be the first multi-jurisdictional/multi-national CC Action Plan**



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*Goals & Guiding Principles of the Plan ...*

\* **Three GHG reduction goals in the Plan:**

**Short Term:** Return to 1990 GHG emission levels by 2010

**Medium Term:** 10% below 1990 GHG emission levels by 2020

**Long Term:** 75-85% reduction in current (2001) GHG emissions

\* **Guiding Principles of the Plan:**

**“Clean-hands” Approach: Focus on Regional Initiatives**

**Maintain and Enhance Energy Reliability and Security**

**Reduce Emissions and Adapt**

**Promote sustainable economic development**



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*Energy Actions in the NEG/ECP Plan:*

- \* **Overall Goal: Lower carbon intensity of electricity production**  
**Action Item 5: Reducing GHG emissions from Electricity Sector**  
**Goal: Reduce CO2 emissions per MWh by 20% by 2025**

**MECHANISMS ...**

**Increase renewable - wind, biomass etc. - share of generation**

**Substitute lower carbon fuels for higher carbon fuels**

**Increase generation and transmission efficiency**

**Distributed generation**



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*Energy Actions in the NEG/ECP Plan:*

- \* **Overall Goal: Lower carbon intensity of electricity production**  
**Action Item 6: Reducing Total Energy Demand through Conservation**  
**Goal: Increase energy savings from conservation by 20% by 2025**

**MECHANISMS ...**

**Greater participation in programs like EnergyStar**  
**Promote green building design and energy efficient building codes**  
**Expand DSM program efforts**



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*Subjective Comparison of some energy options:*

<u>Option</u>	<u>Reliability</u>	<u>Security</u>	<u>Emissions</u>	<u>Cost</u>	<u>Potential</u>
Natural Gas	B+	C+	C+	B	B-
LS Hydro	B+	B	A-	B	B+
Wind Power	B	A-	A	C+	C+
Energy Efficiency	A	A	A	A	A

**Conclusion:**

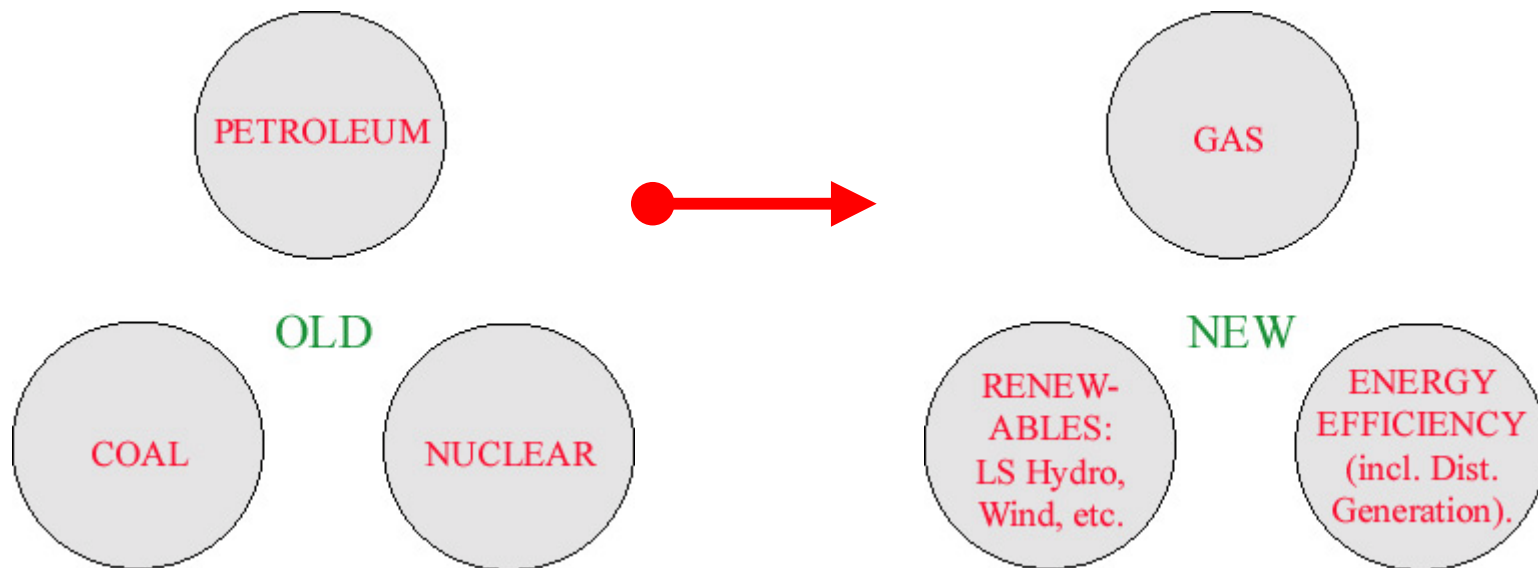
- 1) Region best served by diversified portfolio of resources, incl. Efficiency.



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*Future of Electric Generation in New England:*







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*??? Questions ???*

**For further information or copies of the Plan**

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